

Customer No. 24498  
Ser. No. 10/581,873  
Internal Docket No. PD030127

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Tim Niggemeier et al.  
Ser. No.: 10/581,873  
Filed: June 5, 2006  
Title: MEMORY CONTROLLER  
Examiner: Mark A Giardino Jr.  
Art Unit: 4113

**AMENDMENT**

**Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia, 22313-1450**

**Sir:**

According an agreement made in a telephone interview on February 15, 2008 between the undersigned and the Examiner, the Examiner kindly mailed Applicants a new Office Action on April 3, 2008 replacing the Office Action of December 12, 2007 and restarting the response time. However, the new Office Action did not reach the desk of the undersigned in time. As such, applicants filed an amendment to the Office Action of December 12, 2007 on April 11, 2008. In another telephone interview held on April 23, 2008 between the undersigned and the Examiner, an agreement was reached to discuss the matter further after the amendment has been entered into PAIR. Since applicants have not seen that the amendment has been entered as of today, applicants hereby submit this amendment in response to the Office Action of April 3, 2008. This amendment is substantially the same as the one submitted on April 11, 2008. Please enter the following Amendment with the accompanying remarks. Reconsideration of the application is respectfully requested.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Drawings** begin on page 3 of this paper and include attached two replacement sheets.

**Listing and Amendments to the Claims** begin on page 4 of this paper.

**Remarks/Arguments** begin on page 6 of this paper.